



Tropical Depression TWO QuickLook
Posted: 17:00 CDT 07/08/2010

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Tropical Depression TWO made landfall near the Texas Mexico border before 1500 CDT on 07/08/2010.

No further QuickLooks will be posted for this storm unless oceanographic conditions warrant and/or the National Hurricane Center (NHC) issues a new Tropical Storm Warning for the U.S. (or U.S. Territories) Coastline.

As of 07/08/2010 1700 CDT, water levels along the Texas coast are falling and are returning to be near the predicted levels.

Water levels in bays and associated waterways may include impacts from hydrological forces, including rainfall runoff. For additional hydrological information see NWS Advanced Hydrologic Prediction Services or National Weather Service Forecast Office. Future

information on this system can be found in public advisories issued by the [Hydrometeorological Prediction Center](#).

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to [Mean Lower Low Water](#) are:

Port Isabel, TX: Next predicted high tides are 1.50 ft (0.46 m) at 07/09/2010 06:27 CDT and 1.54 ft (0.47 m) at 07/10/2010 07:10 CDT.

South Padre Island C.G. Station, TX: Next predicted high tides are 1.26 ft (0.38 m) at 07/09/2010 06:19 CDT and 1.30 ft (0.40 m) at 07/10/2010 07:11 CDT.

Corpus Christi, TX: Next predicted high tides are 1.78 ft (0.54 m) at 07/09/2010 05:00 CDT and 1.84 ft (0.56 m) at 07/10/2010 05:437 CDT.

Galveston Pleasure Pier, TX: Next predicted high tides are 2.27 ft (0.69 m) at 07/09/2010 03:54 CDT and 2.35 ft (0.72) at 07/10/2010 04:34 CDT.

Eagle Point, TX: Next predicted high tides are 1.19 ft (0.36 m) at 07/09/2010 11:41 CDT and 1.24 ft (0.38 m) at 07/10/2010 12:43 CDT.

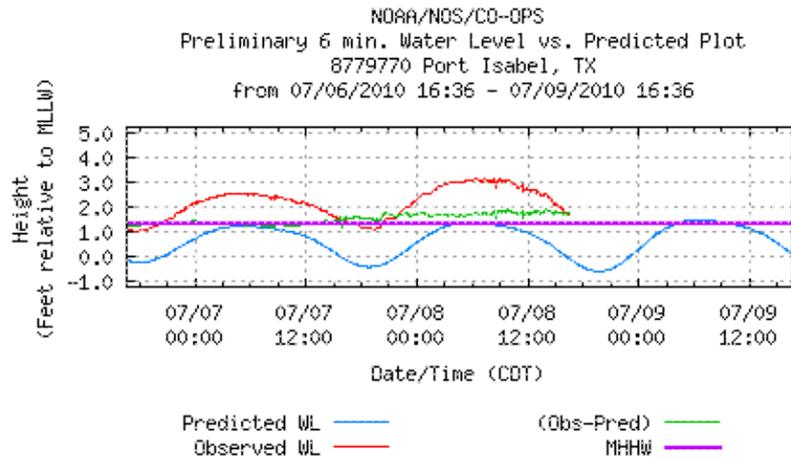
For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:MPM

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Port Isabel - Water Level](#), [Port Isabel - Winds](#), [Port Isabel - Barometric](#), [Port Isabel - Air/Water Temp](#), [South Padre Island C.G Station - Water Level](#), [Corpus Christi - Water Level](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Corpus Christi - Air/Water Temp](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Winds](#), [Galveston Pleasure Pier - Barometric](#), [Galveston Pleasure Pier - Air/Water Temp](#), [Eagle Point - Water Level](#), [Eagle Point - Winds](#), [Eagle Point - Barometric](#), [Eagle Point - Air/Water Temp](#).

Port Isabel, TX - [Return to List](#)

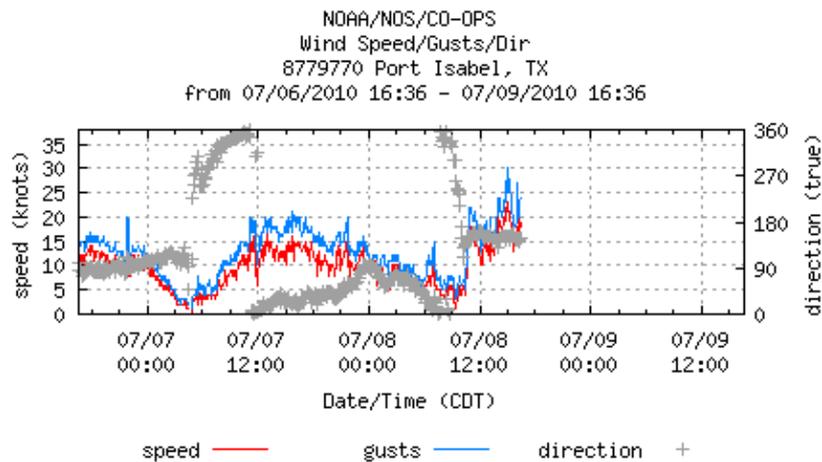


Last Observed Sample: 07/08/2010 16:24 (CDT)

Relative to **MLLW**: **Observed: 1.75 ft. Predicted: -0.04 ft. Residual: 1.79 ft.**

Historical Maximum Water Level: Aug 9 1980, 5.67 ft. above **MHHW**

Port Isabel, TX - [Return to List](#)

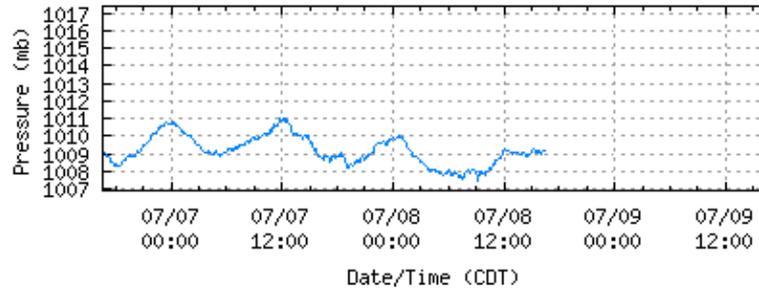


Last Observed Sample: 07/08/2010 16:24 (CDT)

Wind Speed: 18 knots Gusts: 24 knots Direction: 149° T

Port Isabel, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Barometric Pressure Plot
8779770 Port Isabel, TX
from 07/06/2010 16:36 - 07/09/2010 16:36



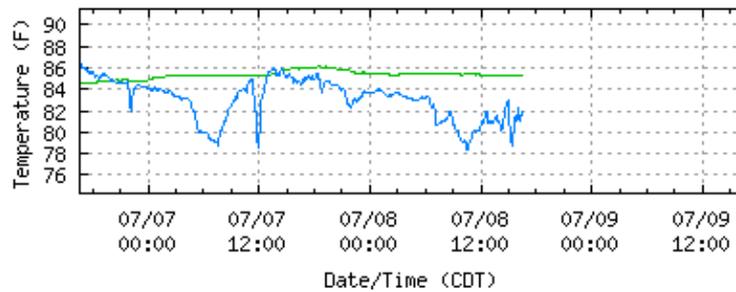
barometric pressure —

Last Observed Sample: 07/08/2010 16:24 (CDT)

Barometric Pressure: 1009.2 mb

Port Isabel, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Air/Water Temperature Plot
8779770 Port Isabel, TX
from 07/06/2010 16:36 - 07/09/2010 16:36

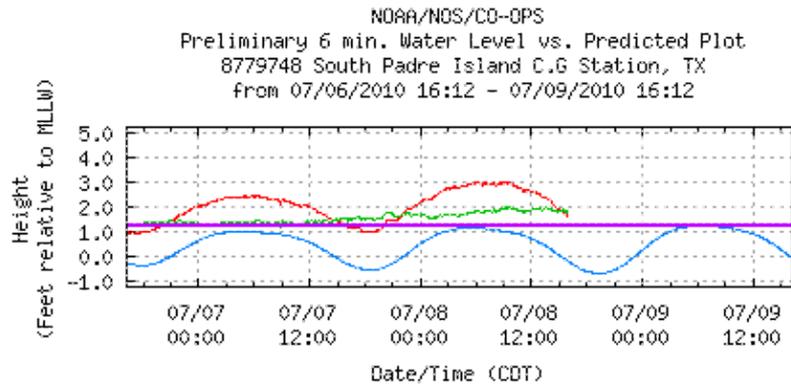


water temp. — air temp —

Last Observed Sample: 07/08/2010 16:24 (CDT)

Water Temperature: 85.3° F Air Temperature: 82.0° F

South Padre Island C.G Station, TX - [Return to List](#)



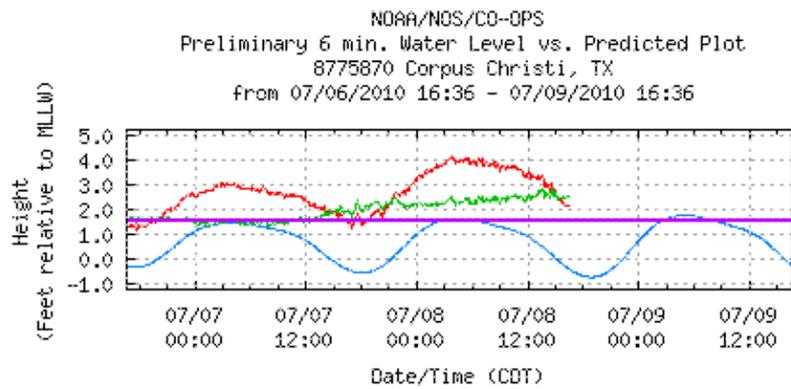
Predicted WL ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

Last Observed Sample: 07/08/2010 15:54 (CDT)

Relative to **MLLW**: **Observed: 1.67 ft. Predicted: -0.17 ft. Residual: 1.84 ft.**

Historical Maximum Water Level: , 0 ft. above **MHHW**

Corpus Christi, TX - [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

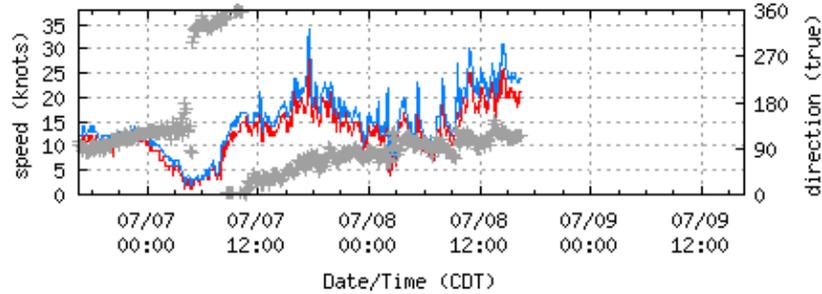
Last Observed Sample: 07/08/2010 16:24 (CDT)

Relative to **MLLW**: **Observed: 2.17 ft. Predicted: -0.37 ft. Residual: 2.54 ft.**

Historical Maximum Water Level: Sep 10 1998, 3.33 ft. above **MHHW**

Corpus Christi, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Wind Speed/Gusts/Dir
8775870 Corpus Christi, TX
from 07/06/2010 16:36 - 07/09/2010 16:36



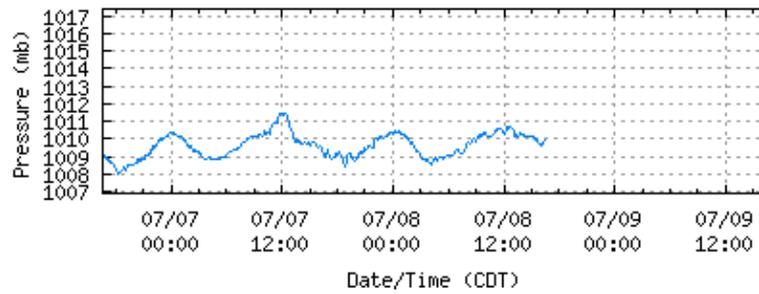
speed — gusts — direction +

Last Observed Sample: 07/08/2010 16:24 (CDT)

Wind Speed: 21 knots Gusts: 24 knots Direction: 116° T

Corpus Christi, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Barometric Pressure Plot
8775870 Corpus Christi, TX
from 07/06/2010 16:36 - 07/09/2010 16:36



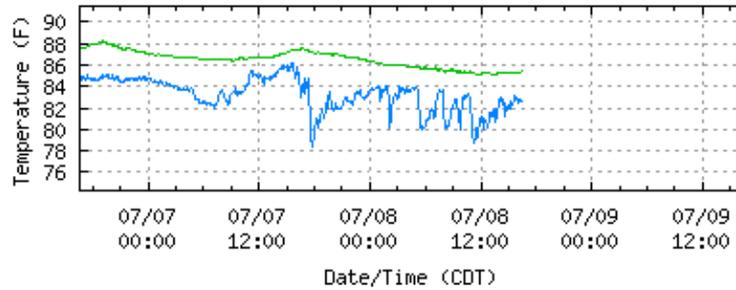
barometric pressure —

Last Observed Sample: 07/08/2010 16:24 (CDT)

Barometric Pressure: 1009.9 mb

Corpus Christi, TX - [Return to List](#)

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
8775870 Corpus Christi, TX
from 07/06/2010 16:36 - 07/09/2010 16:36



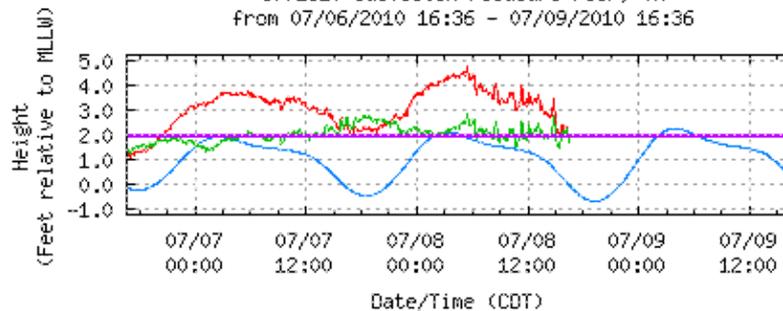
water temp. — green — air temp — blue —

Last Observed Sample: 07/08/2010 16:24 (CDT)

Water Temperature: 85.5° F Air Temperature: 82.6° F

Galveston Pleasure Pier, TX - [Return to List](#)

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8771510 Galveston Pleasure Pier, TX
from 07/06/2010 16:36 - 07/09/2010 16:36



Predicted WL — blue — (Obs-Pred) — green —
Observed WL — red — MHHW — purple —

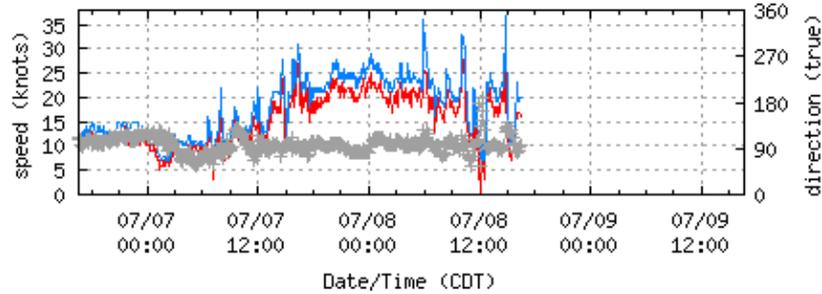
Last Observed Sample: 07/08/2010 16:24 (CDT)

Relative to **MLLW**: Observed: 1.77 ft. Predicted: 0.02 ft. Residual: 1.75 ft.

Historical Maximum Water Level: Sep 11 1961, 7.16 ft. above **MHHW**

Galveston Pleasure Pier, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Wind Speed/Gusts/Dir
8771510 Galveston Pleasure Pier, TX
from 07/06/2010 16:36 - 07/09/2010 16:36



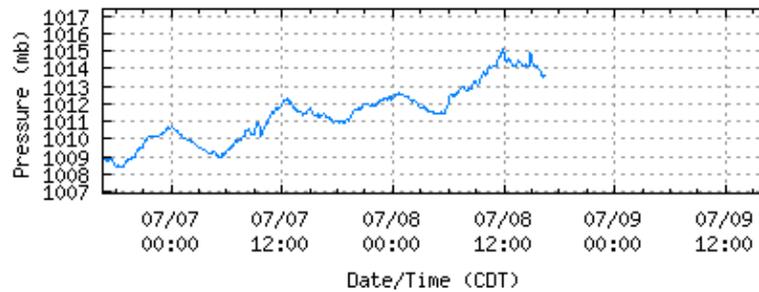
speed — gusts — direction +

Last Observed Sample: 07/08/2010 16:24 (CDT)

Wind Speed: 16 knots Gusts: 20 knots Direction: 096° T

Galveston Pleasure Pier, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Barometric Pressure Plot
8771510 Galveston Pleasure Pier, TX
from 07/06/2010 16:36 - 07/09/2010 16:36



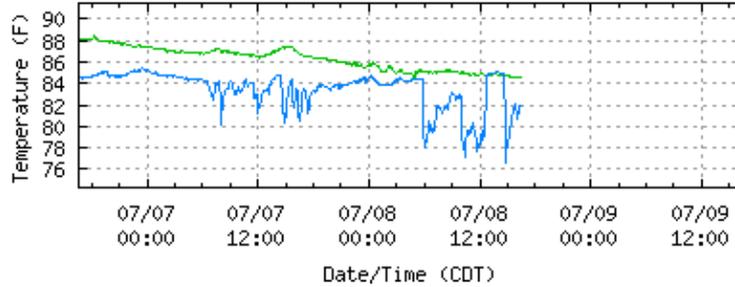
barometric pressure —

Last Observed Sample: 07/08/2010 16:24 (CDT)

Barometric Pressure: 1013.6 mb

Galveston Pleasure Pier, TX - [Return to List](#)

NOAA/NOS/CO-OPS
 Air/Water Temperature Plot
 8771510 Galveston Pleasure Pier, TX
 from 07/06/2010 16:36 - 07/09/2010 16:36



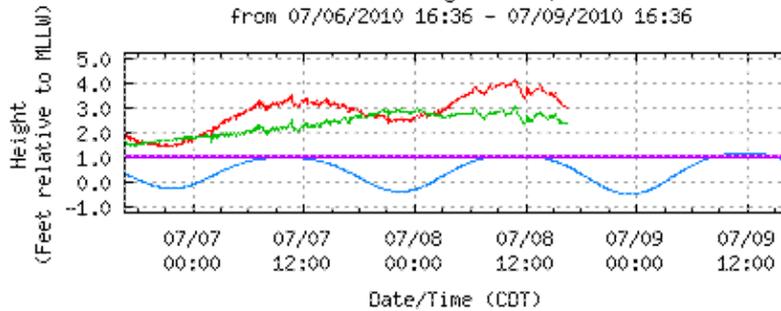
water temp. — air temp. —

Last Observed Sample: 07/08/2010 16:24 (CDT)

Water Temperature: 84.6° F Air Temperature: 81.9° F

Eagle Point, TX - [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8771013 Eagle Point, TX
 from 07/06/2010 16:36 - 07/09/2010 16:36



Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

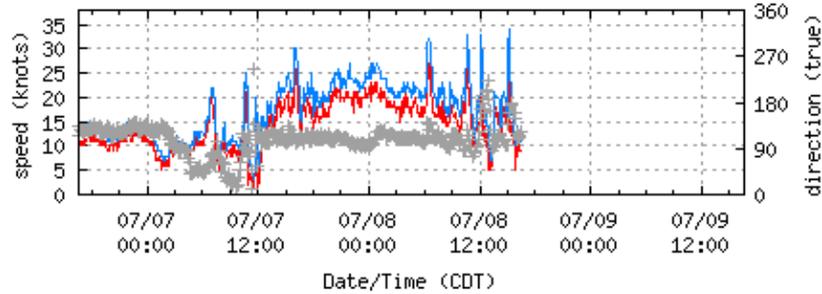
Last Observed Sample: 07/08/2010 16:24 (CDT)

Relative to **MLLW**: Observed: 3.06 ft. Predicted: 0.68 ft. Residual: 2.38 ft.

Historical Maximum Water Level: Sep 10 1998, 3.72 ft. above **MHHW**

Eagle Point, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Wind Speed/Gusts/Dir
8771013 Eagle Point, TX
from 07/06/2010 16:36 - 07/09/2010 16:36



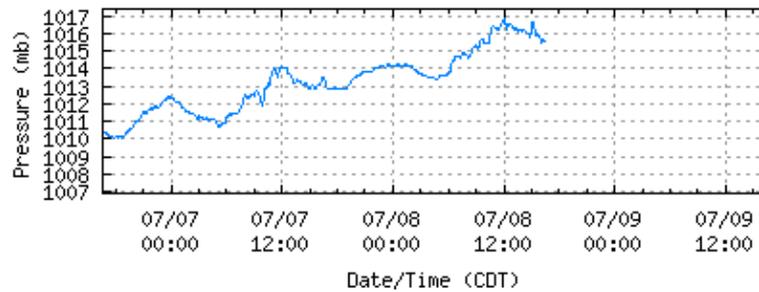
speed — gusts — direction +

Last Observed Sample: 07/08/2010 16:24 (CDT)

Wind Speed: 9 knots Gusts: 11 knots Direction: 121° T

Eagle Point, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Barometric Pressure Plot
8771013 Eagle Point, TX
from 07/06/2010 16:36 - 07/09/2010 16:36



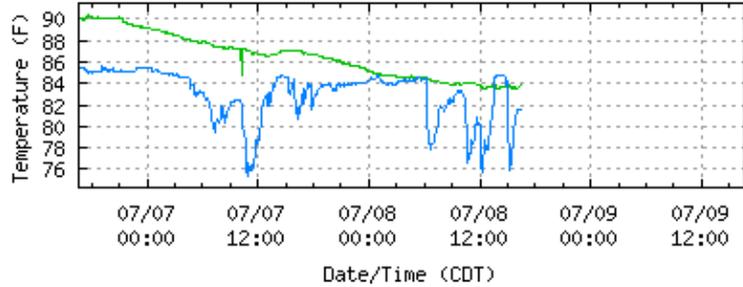
barometric pressure —

Last Observed Sample: 07/08/2010 16:24 (CDT)

Barometric Pressure: 1015.6 mb

Eagle Point, TX - [Return to List](#)

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
8771013 Eagle Point, TX
from 07/06/2010 16:36 - 07/09/2010 16:36



water temp. — green — air temp — blue —

Last Observed Sample: 07/08/2010 16:24 (CDT)

Water Temperature: 83.8° F Air Temperature: 81.5° F

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce